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(54) HOLLOW FIBER MEMBRANE FILTER

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a filter having a whole quantity filtering system using a hollow fiber membrane high in efficiency of membrane utilization, superior in washing property of the membrane and small in an installation space.

SOLUTION: A laminated body 4 of membrane knitted woven fabrics of hollow fiber is arranged as filter membrane in a can container 1. Both upper and lower ends of the laminated body is fixed with fixing members 5, 6. The lower part fixing member 6 is connected to a water collection cell 7 communicated to a treated water outlet 10, and the water collection cell 7 forms a passage for allowing filter cake to pass through, between a can body wall surface. Feed nozzles 12 of water to be treated and/or diffusion nozzles 13 of air are arranged between respective laminated bodies.

